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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Satoshi Seo et al.  
Serial No. : 10/623,609  
Filed : July 22, 2003  
Title : LUMINESCENT DEVICE

Art Unit : 1774  
Examiner : Camie Thompson

**MAIL STOP AMENDMENTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Supplemental to Information Disclosure Statements (IDS) filed on July 22, 2003 and July 23, 2004, respectively, Applicants submit the attached corrected forms PTO-1449. The corrected forms PTO-1449 are being submitted to correct translation designation errors in Desig. ID "AQ" thru "AT" in the IDS filed July 22, 2004, and typographical errors in the patentee names for Desig. ID "AH", "AO", and document number and country name for Desig. ID "BR" in the IDS filed July 23, 2004. The attached forms PTO-1449 include the correct information in bold.

This statement is being filed before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

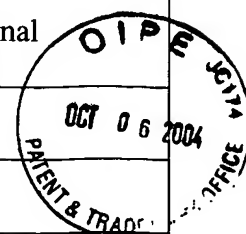
Respectfully submitted,

Date: October 6, 2004

  
\_\_\_\_\_  
William G. Hughes, Jr.  
Reg. No. 46,112

**Customer No. 26171**  
Fish & Richardson P.C.  
1425 K Street, N.W. - 11th Floor  
Washington, DC 20005-3500  
Telephone: (202) 783-5070  
Facsimile: (202) 783-2331  
WXH/adt  
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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-087002	Application No. New Divisional Application
	Applicant Satoshi Seo et al.		
	Filing Date July 22, 2003	Group Art Unit Unknown	



### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,719,467	02/17/1998	Antoniadis et al.			
	AB	5,925,980	07/20/1999	So et al.			
	AC	5,853,905	12/29/1998	So et al.			
	AD	6,130,001	10/10/2000	Shi et al.			
	AE	5,271,089	12/14/1993	Ozawa			
	AF	6,285,039	09/04/2001	Kobori et al.			
	AG	US 2002-0093283 A1	07/18/2002	Seo et al.			01/10/2002
	AH	US 2002-0155632 A1	10/24/2002	Yamazaki et al.			02/20/2002
	AI	US 2003-0010288 A1	01/16/2003	Yamazaki et al.			02/05/2002
	AJ	US 2002-0101154 A1	08/01/2002	Kanagawa et al.			01/29/2002
	AK	US 2002-0139303 A1	10/03/2002	Yamazaki et al.			01/31/2002
	AL	US 2002-0109136 A1	08/15/2002	Seo et al.			01/10/2002
	AM	US 2002-0113546 A1	08/22/2002	Seo et al.			02/20/2002
	AN	US 2002-0105005 A1	08/08/2002	Seo et al.			02/05/2002
	AO	US 2001-0051207 A1	12/13/2001	Yamagata et al.			05/10/2001
	AP	US 2002-0121860 A1	09/05/2002	Seo et al.			12/21/2001

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	AQ	TW 243470	03/21/1995	TAIWAN			Abstract	
	AR	EP 1 065 737 A2	01/03/2001	EUROPE			In English	
	AS	JP10-233288	09/02/1998	JAPAN			Abstract	
	AT	JP2001-52870	02/23/2001	JAPAN			Abstract	

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AU	C.W. Tang et al.; "Organic Electroluminescent Diodes"; <i>Applied Physics Letters</i> , Vol. 51, No. 12; pp. 913-915; September 21, 1987

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 12732-087002		Application No. New Divisional Application	
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))				Applicant Satoshi Seo et al.			
				Filing Date July 22, 2003		Group Art Unit Unknown	
<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>							
Examiner Initial	Desig. ID	Document					
	AV	Yasunori Kijima et al.; "A Blue Organic Light Emitting Diode"; <i>Japan Journal of Applied Physics</i> , Vol. 38; pp. 5274-5277; September 1999					
	AW	C.W. Tang et al.; "Electroluminescence of Doped Organic Thin Films"; <i>Journal of Applied Physics</i> , Vol. 65, No. 9; pp. 3610-3616; May 1, 1989					
	AX	Chihaya Adachi et al.; "Electroluminescence in Organic Films with Three-Layer Structure"; <i>Japanese Journal of Applied Physics</i> , Vol. 27, No. 2; pp. L269-L271; February 1988					
	AY	Tetsuo Tsutsui et al.; "New Aspect of Research and Development of Organic EL"; <i>M&amp;BE Seminar (M&amp;BE, Vol. 11, No. 1)</i> ; pp. 3-12 with translation; 2000					
	AZ	Takeo Wakimoto et al.; "Organic EL Cells Using Alkaline Metal Compounds as Electron Injection Materials"; <i>IEEE Transactions on Electron Devices</i> , Vol. 44, No. 8, pp. 1245-1248; August 1998					
	AAA	S.A. Van Slyke et al.; "Organic Electroluminescent Devices with Improved Stability"; <i>Applied Physics Letter</i> , Vol. 69, No. 15; pp. 2160-2162; October 7, 1996					
	ABB	D.F. O'Brien et al.; "Improved Energy Transfer in Electrophosphorescent Devices"; <i>Applied Physics Letter</i> , Vol. 74, No. 3; pp. 442-444; January 18, 1999					
	ACC	Tetsuo Tsutsui et al.; "High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center"; <i>Japan Journal of Applied Physics</i> , Vol. 38, Part 2, No. 12B; pp. L1502-L1504; December 15, 1999					
	ADD	Tetsuo Tsutsui; "The Operation Mechanism and the Light Emission Efficiency of the Organic EL Element"; <i>Test of the Third Lecture Meeting; Bulletin of Organic Molecular/Bioelectronics Subcommittee, Society of Applied Physics</i> ; pp. 31-37 w/translation; 1993					
	AEE	Junji Kido et al.; "Multilayer White Light-Emitting Organic Electroluminescent Device"; <i>Science</i> , Vol. 267; pp. 1332-1334; March 3, 1995					

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	Applicant Satoshi Seo et al.		
	Filing Date July 22, 2003	Group Art Unit 1774	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	3,654,525	04/1972	Maricle et al.			
	AB	5,017,863	05/1991	Mellitz			
	AC	5,039,657	08/1991	Goldman, et al.			
	AD	5,170,990	12/1992	Kamiya et al.			
	AE	5,256,945	10/1993	Imai et al.			
	AF	5,281,489	01/25/94	Mori et al.			
	AG	5,486,406	01/1996	Song Shi			
	AH	<b>5,513,499</b>	<b>05/1996</b>	<b>DeRijke</b>			
	AI	5,817,431	10/1998	Shi et al.			
	AJ	5,858,563	01/1999	Sano et al.			
	AK	5,925,472	07/1999	Hu et al.			
	AL	5,955,836	09/1999	Boerner et al.			
	AM	5,989,737	11/1999	Xie et al.			
	AN	6,121,727	09/2000	Kanai et al.			
	AO	<b>6,132,280</b>	<b>10/2000</b>	<b>Tanabe et al.</b>			
	AP	6,150,042	11/2000	Tamano et al.			
	AQ	6,215,462	04/2001	Yamada et al.			
	AR	6,228,228	05/2001	Singh et al.			
	AS	6,237,529	05/2001	Spahn			
	AT	6,275,649	08/2001	Nagashima et al.			
	AU	6,284,050	09/2001	Shi et al.			
	AV	6,310,360	10/2001	Forrest et al.			
	AW	6,326,091	12/2001	Schoo et al.			
	AX	6,368,730	04/2002	Kishimoto et al.			
	AY	6,392,250	05/2002	Aziz et al.			
	AZ	6,392,339	05/2002	Aziz et al.			
	AAA	6,396,209	05/2000	Kido et al.			

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BA	6,413,656	07/2002	Thompson et al.			
	BB	6,432,255	08/2002	Sun et al.			
	BC	6,458,475	10/2002	Adachi et al.			
	BD	6,468,676	10/2002	Ueda et al.			
	BE	6,495,198	12/2002	Peng			
	BF	6,517,996	02/2003	Chao et al.			
	BG	6,534,202	03/2003	Sato et al.			
	BH	6,541,909	04/2003	Motomatsu			
	BI	6,566,807	05/2003	Fujita et al.			
	BJ	6,603,140	08/2003	Kobori et al.			
	BK	6,614,175	09/2003	Aziz et al.			
	BL	2002-0018912 A1	02/2002	Jung et al.			
	BM	2002-0038867 A1	04/2002	Kobori et al.			
	BN	2002-0081767 A1	06/2002	Kawashima			
	BO	2002-0086180 A1	07/2002	Seo et al.			
	BP	2003-0118950 A1	06/2003	Chao et al.			
	BQ	2003-0134145 A1	07/2003	Toguchi et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
	BR	TW - 366598	08/1999	TAIWAN			CONCISE STATEMENT	
	BS	EP 1 011 155 A2	06/2000	EUROPE			ENGLISH	
	BT	EP 1 220 340	07/03/02	EUROPE			ENGLISH	
	BU	JP 03-114197	05/1991	JAPAN			ABSTRACT	
	BV	JP 2000-208262	07/2000	JAPAN			FULL	
	BW	JP 2001-023776	01/2001	JAPAN			ABSTRACT	
	BX	TW 451601	08/2001	TAIWAN			ABSTRACT	

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							Yes	No
	BY	WO 02/47457	06/20/02	WIPO			ENGLISH	
	BZ	WO 98/08360	02/1998	WIPO			ABSTRACT	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	CA	Takeshi Nishi et al., "High Efficiency TFT-OLED Display with Iridium-Complex As Triplet Emissive Center", <i>Proceedings of the 10th International Workshop on Inorganic and Organic Electroluminescence</i> , pp. 353-356, December 4-7, 2000
	CB	

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